



Revision number: 1

Purchasing Agent: Jared Gardner

**Item: MECHANICAL STREET SWEEPERS, TRUCK MOUNTED, CAB FORWARD,
LOW ENTRY, MECHANICAL PICKUP TYPE.**

Vendor: IO965B

A G Body Inc.
PO Box 27755
Salt Lake City UT 84127

Internet Homepage:

[www .agbody .com](http://www.agbody.com)

Telephone:

(801)975-0400

Fax number:

(801)975-7567

Contact:

John Leroy

Email address:

jpl@agbody.com

Brand/trade name:

Elgin

Price:

See Attached Price List

Terms:

Net 30

Effective dates:

03/25/02 through 03/25/04

Days required for delivery:

75-120 Days

Price guarantee period:

1 Year

Minimum order:

1 Unit

Min shipment without charges:

Other conditions:

I-ONE YEAR RENEWAL OPTION

REVISION #1: An increase on base unit price.

This contract resulted from Bid DG2I04

This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. Agencies will return to the vendor any



invoice which reflects incorrect pricing.

1. Elgin-Eagle F truck mounted, mechanical sweeper
FOB delivered. \$ 135,694.00/each

SPECIFICATIONS:

The sweeper to be a new unit of current model. The equipment it to meet the following specifications but is not limited as to features furnished by the manufacturers. The equipment is to have all standard features. The equipment is to be delivered assembled, serviced, tested and ready to operate. All fluids are to be at operations level and units are to have a full fuel tanks.

Equipment furnished to the State of Utah must meet current state and federal safety regulations.

List chassis and axle weight of unit. Unit must comply with axle weight laws and shall not exceed axle weights fully loaded with fuel, water, operator, debris hopper loaded at 2500 lbs. per cubic yard.

Front axle weight (empty):	6,750
Rear axle weight (empty):	15,810
Total unit weight (empty):	22,560
Truck GVW rating:	32,000
Total unit weight (loaded):	30,915
Front axle weight (loaded):	9, 915
Rear axle weight (loaded):	21,000

CAB AND CHASSIS:

To be cab forward, low entry with forward tilting cab body for engine access.
To be 32,000 G. V. W. minimum to allow for full loading at legal axle weights.
To have 19 foot curb to curb turning radius.

CHASSIS ENGINE:

To be diesel engine, turbo charge, electronic fuel injection with 205 H.P. @ 2500 R. P .M. and 520 Ft. L.B.S. @ 1600 R.P .M. rated minimum.
To have engine air intake heater grid for cold weather starting.
To have antifreeze protection to -30 F.
To have dry type air cleaner with dual elements with pre cleaner to be Turbo II.
To have standard air compressor with 13.2 CFM minimum.
To have dual full flow disposable oil filter.
To have fuel water separator.
To have 1300 CCA batteries.
To have 130 amp alternator.
To have 50 gallon minimum, fuel capacity shared by both engines



ACCESSORIES:

To have following cab equipment and accessories:

- .Assist handles
- .Dome light
- .Heater/defroster
- .Tinted glass
- .Heated, 4 way- Power Control, Stainless Steel, West Coast Mirrors .10" min. L & R convex Mirrors
- AM/FM Cassette Radio
- Dual air ride bucket cloth seats
- Factory air conditioner
- Electric horn
- Dual sets of gauges & Controls
- Large tool box 27.5 cu. ft.

TRANSMISSION:

To have an automatic transmission, 5 forward speed overdrive with reverse and neutral start, with transmission. To be Allison 2000 or approved equal.

AXLES

Front axle -12,000 lb minimum with rating 14,000 lb suspension. Rear axle -21,000 lb minimum with rating 23,500 lb suspension. To have front stabilizer bar.

To have 2 speed ratio 5.38/7.50 and air ride suspension.

To have oil lubricated front wheel hubs.

Rear axle to have dual wheels.

WHEELS & TIRES:

To be hub piloted wheels, disk type 10 hole 22.5 X 8.25. Tires to be 11R22.5 14 ply tubeless tires.

To have matching spare tire and wheel.

STEERING:

Power steering with dual steering wheels.

To have full truck instrumentation on both sides with switchable power to steering and controls.

Brakes:

To have Bendix AD-9, heated air brake dryer with automatic moisture ejector..

Front and rear -disc or drum type with dust shields and auto slack adjusters.

Rear wheel park brake to be spring set.

To have 15.2 CFM water cooled compressor with three air supply tanks with manual drain valves on each.

Lights:



To have headlights, taillights, hazard flashers and all required clearance lights and reflectors. To have dual rear back-up lights and back up alarm.

To have gutter broom spotlights.

To have alternating rear amber flashers and rear LED lights.

To have cab mounted amber strobe light bar.

UDOT to supply 48" light bar and vendor to install on cab.

Aux. Engine:

To be diesel engine with 144 cubic inches -minimum.

To have 47 bhp @ 2500 rpm -minimum.

To have dry type air cleaner with dual elements with pre cleaner to be Turbo II. To have reset type restriction gauge on filter.

To have independent electrical system.

To have 105 amp alternator minimum.

To have cold weather start assist system.

To have safety shut down system for high temperature of low oil pressure.

DIRT HOPPER:

Volumetric capacity to be 4.5 cu. yd. minimum.

To have hydraulic hopper door.

To have inspection door.

Hopper to have variable height dumping -from ground level (38" maximum) to truck height (120" minimum.)

Dump system shall be scissor type lift.

To have greaseable pins.

To have dumping capacity of 11,000 lbs.

Hopper to hydraulically side shift toward hopper receptacle 11".

Un-level grade indicator in cab.

WATER SYSTEM:

To have polyethylene or equivalent 280 -gallon, water tank -minimum.

To have cold weather tank drain.

To have air purge system with pressure reducer to allow for shop air blowout of lines.

To have 25' X 2 y;." hydrant fill hose with female NST thread end and filter screen at hydrant.

To have anti syphon break at tank.

To have hydrant hose storage rack with adjustable hydrant wrench.

To have a 5 G.P.M. centrifugal pump @ 40 psi.

To have 3 spray tip nozzles at each side broom.

To have 4 spray tip nozzles at on front bumper spray bar with separate activation switch.

To have 3 spray tip nozzles on rear broom spray bar with separate activation switch.

All nozzles to be solenoid valve operated with in cab control.

To have in line 80 mesh filter minimum.

Water pumps shall automatically shut off when water tank is empty unless pump is able to run indefinitely



without damage.

HYDRAULIC:

To have 21 gallon minimum, hydraulic reservoir with sight gauge indicating hydraulic oil capacity and temperature. To have (2) 100 mesh suction filters and 10 micron return filter.

To have 2 or 3 section, gear pump rate 26 G.P.M. @ 2500 RPM with direct drive from auxiliary engine.

To have electric over hydraulic or pneumatically controls to control all hopper and broom functions.

To have large auxiliary oil to air cooler.

MAIN BROOM:

To have main broom of 58" length and 35" diameter minimum.

To have poly broom strips with chevron design that are removable.

To have spare broom core with high density poly wafer for heavy sweeping.

Broom to direct drive by hydraulic motor.

To be raised and lowered hydraulically from cab with independent hydraulic suspension.

Down pressure gauge mounted in cab.

Broom pattern pressure shall automatically adjust to maintain set pattern and pressure on uneven surfaces.

To have central grease fitting bank.

To have carbide dirt-shoes.

Broom rotation shall stop and raise automatically, when transmission is placed into reverse or when sweeper is put into transport mode.

SIDE BROOMS:

To have dual side brooms with 42" minimum diameter.

Broom rotation to be direct drive hydraulic with relief valve protection.

Brooms shall have individual in cab raise and lower controls with broom position light.

Brooms shall have individual in cab down pressure controls.

Each broom to have disposable bolt on segments with HD digger type wire fill material.

Each broom to have in cab tilt adjustment.

Broom shall have free floating suspension to allow up/down and in/out movement for impact.

To have adjustable center debris curtain.

To have zirk fittings for greasing broom mechanism.

Sweeping width to be minimum of 10 feet with both curb brooms down.

Broom rotation, forward or reverse, shall be selectable without leaving the cab.

Broom rotation shall stop and raise automatically, when transmission is placed into reverse or when the sweeper is put into transport mode.

CONVEYOR:

To have belt with molded in rubber cleats or 3 squeegee type elevator (bolt on replaceable type squeegees required.)

To have direct hydraulic drive with relief valve.



To have in cab conveyor stall warning with audio and visual warning.
To be hydraulically raised and lowered.
To have safety system to disable hopper dump if conveyor is in down position.
Conveyor speed to be variable and reversible.
Conveyor height shall have settable positions to raise or lower height to obtain maximum performance on varying types of debris from 5 to 12 inches in height minimum (squeegee type only.)
To have conveyor wash down system with hydrant fill hose attachment.
To have central grease fitting bank.

PAINT AND ELECTRICAL:

Sweeper wiring harnesses shall be color coded and hot stamped with appropriate word designation labeled every four inches. Paint process to be polyester powder coat (coated before assembly) with undercarriage to be polyester powder coated gray, body to be painted standard manufacture's white.

CONTROLS:

To have main broom lift/lower, separate side broom tilts, aux engine electric warning, hydraulic filter clog warning, elevator stall audio/visual warning, aux engine warning lights for oil, temperature, charging, oil pressure gauge, tachometer, water temperature gauge, front spray bar switch, warning light switch, gutter broom lights, rear broom lights, water level warning lights, hopper raise and dump switches. To have brooms up indicator. Shall have one button sweeping - start and stop for operator safety to engage all set functions. Switches to be illuminated and all circuits to have resettable circuit breakers.

Option Automatic lubrication system (Sweeper Only.)	Option Price \$ 3,380.00
Option Automatic lubrication system (Truck & Sweeper.)	Option Price \$ 4,290.00
Option Factory install epoxy liner.	Option Price \$ 750.00
Option Factory install Life Last polyurethane line coating.	Option Price \$ 2,500.00
Option Arrow-board. Make Traffic Guide Model TGA-I	Option Price \$ 1,000.00
Option 135 amp Alternator. Size 135 AMP	Option Price \$ 230.00
Extended side broom reach left-hand side.	Option Price \$ 1,050.00
Option Extended side broom reach right-hand side.	Option Price \$ 1,050.00
Option Rear engine compart cover.	Option Price \$ 2,100.00



Option Slow Moving vehicle sign.	Option Price \$	60.00
Option Yellow Chevron Strips.	Option Price \$	170.00
Yellow / Black Chevron Strips.	Option Price \$	490.00
Option Black or gray paint under-body.	Option Price \$	No Charge

DELIVERY:

Delivery must include one complete set of replacement filters for each complete unit.

Delivery must include dealer's invoice, a copy of warranty and 2 operator manuals for each unit. Delivery must also include 2 complete sets of parts lists and shop (repair) manuals for both the sweeper module and truck, including manuals for engines, transmission, axles, hydraulic system and electrical systems for each unit.

Delivery must include Safety Inspection, MSO application for title and odometer statement.

Invoices will not be approved for payment until all of the required documentation and manuals have been received.

TRAINING:

All training cost to be included in the bid.

One day of on site operator training required for each unit purchase.

A minimum of two days of mechanic training will be required for each year unit's are purchased on contract. (Manufacture to provide instructor, materials and any other items needed for the class.)

REPORTS:

The contractor will submit yearly reports to the State Purchasing Agent showing quantities and dollar volume of purchases by each agency and political subdivision. This report will be due by 02/15/04.



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FINET COMMODITY CODE(S): FOR AGENCY USE ONLY

76577000000 - SWEEPERS, DRAG BROOMS, ETC. AD PARTS (SEE CLASS 365 FOR WAREHOUSE POWER BROOMS AND 35581 FOR RUNWAY SWEEPERS